RAW SEQUENCE LISTING

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Application Serial Number: _10/760, 557_

Source: _____

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RAW SEQUENCE LISTING   DATE: 10/18/2004
PATENT APPLICATION: US/10/760,557   TIME: 10:01:33

Input Set : N:\Crf3\RULE60\10760557.raw.txt
Output Set: N:\CRF4\10182004\J760557.raw

SEQUENCE LISTING

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C-->   3 (1) GENERAL INFORMATION:
       5     (i) APPLICANT: Forssmann, Wolf-Georg
       6                    Schulz-Knappe, Peter
       7                    Meyer, Markus
       8                    Magert, Hans-Jurgen
      10    (ii) TITLE OF INVENTION: HUMAN CIRCULATING CYTOKINE CC-1
      12   (iii) NUMBER OF SEQUENCES: 11
      14    (iv) CORRESPONDENCE ADDRESS:
      15         (A) ADDRESSEE: JACOBSON, PRICE, HOLMAN & STERN
      16         (B) STREET: The Jenifer Building, 400 Seventh St. N.W.
      17         (C) CITY: Washington
      18         (D) STATE: DC
      19         (E) COUNTRY: USA
      20         (F) ZIP: 20004
      22     (v) COMPUTER READABLE FORM:
      23         (A) MEDIUM TYPE: Floppy disk
      24         (B) COMPUTER: IBM PC compatible
      25         (C) OPERATING SYSTEM: PC-DOS/MS-DOS
      26         (D) SOFTWARE: PatentIn Release #1.0, Version #1.30
      28    (vi) CURRENT APPLICATION DATA:
C-->  29         (A) APPLICATION NUMBER: US/10/760,557
C-->  30         (B) FILING DATE: 21-Jan-2004
      42   (vii) PRIOR APPLICATION DATA:
W-->  33         (A) APPLICATION NUMBER: US 08/666,340
      34         (B) FILING DATE: 18-AUG-1998
W-->  35         (A) APPLICATION NUMBER: PCT/EP94/04282
      36         (B) FILING DATE: 22-DEC-1994
W-->  39         (A) APPLICATION NUMBER: DE 43 44 397.4
      40         (B) FILING DATE: 24-DEC-1993
W-->  43         (A) APPLICATION NUMBER: DE 44 27 395.9
      44         (B) FILING DATE: 03-AUG-1994
      46  (viii) ATTORNEY/AGENT INFORMATION:
      47         (A) NAME: Player, William E.
      48         (B) REGISTRATION NUMBER: 31,409
      49         (C) REFERENCE/DOCKET NUMBER: 10496/P60448USO
      51    (ix) TELECOMMUNICATION INFORMATION:
      52         (A) TELEPHONE: 202-638-6666
      53         (B) TELEFAX: 202-393-5350
      56 (2) INFORMATION FOR SEQ ID NO: 1:
      58     (i) SEQUENCE CHARACTERISTICS:
      59         (A) LENGTH: 32 base pairs
      60         (B) TYPE: nucleic acid
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61   (C) STRANDEDNESS: single
62   (D) TOPOLOGY: linear
64   (ii) MOLECULE TYPE: other nucleic acid
65   (A) DESCRIPTION: /desc = "PCR primer"
70   (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:
72 GCCCGGAATT CTAGACARCG NATHATGGAY TA   32
74 (2) INFORMATION FOR SEQ ID NO: 2:
76   (i) SEQUENCE CHARACTERISTICS:
77   (A) LENGTH: 32 base pairs
78   (B) TYPE: nucleic acid
79   (C) STRANDEDNESS: single
80   (D) TOPOLOGY: linear
82   (ii) MOLECULE TYPE: other nucleic acid
83   (A) DESCRIPTION: /desc = "PCR primer"
88   (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2:
90 CCCGAATTCT AGAARTAYCC NATHCCNCGN CA   32
92 (2) INFORMATION FOR SEQ ID NO: 3:
94   (i) SEQUENCE CHARACTERISTICS:
95   (A) LENGTH: 32 base pairs
96   (B) TYPE: nucleic acid
97   (C) STRANDEDNESS: single
98   (D) TOPOLOGY: linear
100   (ii) MOLECULE TYPE: other nucleic acid
101   (A) DESCRIPTION: /desc = "PCR primer"
106   (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3:
108 GCCCGGAATT CTAGACARAG RATHATGGAY TA   32
110 (2) INFORMATION FOR SEQ ID NO: 4:
112   (i) SEQUENCE CHARACTERISTICS:
113   (A) LENGTH: 12 amino acids
114   (B) TYPE: amino acid
115   (C) STRANDEDNESS:
116   (D) TOPOLOGY: linear
118   (ii) MOLECULE TYPE: peptide
123   (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 4:
125   Lys Tyr Pro Ile Pro Arg Glu Arg Ile Met Asp Tyr
126   1   5   10
128 (2) INFORMATION FOR SEQ ID NO: 5:
130   (i) SEQUENCE CHARACTERISTICS:
131   (A) LENGTH: 32 base pairs
132   (B) TYPE: nucleic acid
133   (C) STRANDEDNESS: single
134   (D) TOPOLOGY: linear
136   (ii) MOLECULE TYPE: other nucleic acid
137   (A) DESCRIPTION: /desc = "PCR primer"
142   (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 5:
144 CCCGAATTCT AGAARTAYCC NATHCCNAGR CA   32
146 (2) INFORMATION FOR SEQ ID NO: 6:
148   (i) SEQUENCE CHARACTERISTICS:
149   (A) LENGTH: 74 amino acids

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150              (B)  TYPE: amino acid
151              (C)  STRANDEDNESS:
152              (D)  TOPOLOGY: unknown
154        (ii)  MOLECULE TYPE: peptide
159        (xi)  SEQUENCE DESCRIPTION: SEQ ID NO: 6:
161        Thr Lys Thr Glu Ser Ser Ser Arg Gly Pro Tyr His Pro Ser Glu Cys
162        1               5                   10                  15
164        Cys Phe Thr Tyr Thr Thr Tyr Lys Ile Pro Arg Gln Arg Ile Met Asp
165                    20                  25                  30
167        Tyr Tyr Glu Thr Asn Ser Gln Cys Ser Lys Pro Gly Ile Val Phe Ile
168                    35                  40                  45
170        Thr Lys Arg Gly His Ser Val Cys Thr Asn Pro Ser Asp Lys Trp Val
171            50                  55                  60
173        Gln Asp Tyr Ile Lys Asp Met Lys Glu Asn
174        65                  70
176  (2)  INFORMATION FOR SEQ ID NO: 7:
178        (i)  SEQUENCE CHARACTERISTICS:
179              (A)  LENGTH: 123 base pairs
180              (B)  TYPE: nucleic acid
181              (C)  STRANDEDNESS: single
182              (D)  TOPOLOGY: linear
184        (ii)  MOLECULE TYPE: cDNA
189        (xi)  SEQUENCE DESCRIPTION: SEQ ID NO: 7:
191  TATGAGACCA GCAGCCAGTG CTCCAAGCCC GGAATTGTCT TCATCACCAA AAGGGGCCAT        60
193  TCCGTCTGTA CCAACCCCAG TGACAAGTGG GTCCAGGACT ATATCAAGGA CATGAAGGAG       120
195  AAC                                                                     123
197  (2)  INFORMATION FOR SEQ ID NO: 8:
199        (i) SEQUENCE CHARACTERISTICS:
200              (A)  LENGTH: 47 amino acids
201              (B)  TYPE: amino acid
202              (D)  TOPOLOGY: linear
204        (ii)  MOLECULE TYPE: protein
206        (xi)  SEQUENCE DESCRIPTION: SEQ ID NO: 8:
208  Gln Arg Ile Met Asp Tyr Tyr Glu Thr Ser Ser Gln Cys Ser Lys Pro
209  1               5                   10                  15
211  Gly Ile Val Phe Ile Thr Lys Arg Gly His Ser Val Cys Thr Asn Pro
212              20                  25                  30
214  Ser Asp Lys Trp Val Gln Asp Tyr Ile Lys Asp Met Lys Glu Asn
215          35                  40                  45
218  (2)  INFORMATION FOR SEQ ID NO: 9:
220        (i)  SEQUENCE CHARACTERISTICS:
221              (A)  LENGTH: 330 base pairs
222              (B)  TYPE: nucleic acid
223              (C)  STRANDEDNESS: single
224              (D)  TOPOLOGY: linear
226        (ii)  MOLECULE TYPE: DNA (genomic)
229        (ix)  FEATURE:
230              (A)  NAME/KEY: CDS
231              (B)  LOCATION: 11..151
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234   (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 9:
236 GAATTCTAGA CAG CGG ATC ATG GAT TAC TAT GAG ACC AGC AGC CAG TGC   49
237   Gln Arg Ile Met Asp Tyr Tyr Glu Thr Ser Ser Gln Cys
238   1   5   10
240 TCC AAG CCC GGA ATT GTC TTC ATC ACC AAA AGG GGC CAT TCC GTC TGT   97
241 Ser Lys Pro Gly Ile Val Phe Ile Thr Lys Arg Gly His Ser Val Cys
242   15   20   25
244 ACC AAC CCC AGT GAC AAG TGG GTC CAG GAC TAT ATC AAG GAC ATG AAG   145
245 Thr Asn Pro Ser Asp Lys Trp Val Gln Asp Tyr Ile Lys Asp Met Lys
246 30   35   40   45
248 GAG AAC TGAGTGACCC AGAAGGGGTG GCGAAGGCAC AGCTCAGAGA CATAAAGAGA   201
249 Glu Asn
251 AGATGCCAAG GCCCCCTCCT CCACCCACCC CTAACTCTCA GCCCCAGTCA CCCTCTTGGA   261
253 GCTTCCCTGC TTTGAATTAA AGACCACTCA TGCTCTTCAA AAAAAAAAA AAAATGAGCT   321
255 CTAGAATTC   330
257 (2) INFORMATION FOR SEQ ID NO: 10:
259   (i) SEQUENCE CHARACTERISTICS:
260   (A) LENGTH: 47 amino acids
261   (B) TYPE: amino acid
262   (C) STRANDEDNESS:
263   (D) TOPOLOGY: linear
265   (ii) MOLECULE TYPE: peptide
270   (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 10:
272   Gln Arg Ile Met Asp Tyr Tyr Glu Thr Asn Ser Gln Cys Ser Lys Pro
273   1   5   10   15
275   Gly Ile Val Phe Ile Thr Lys Arg Gly His Ser Val Cys Thr Asn Pro
276   20   25   30
278   Ser Asp Lys Trp Val Glu Asp Tyr Ile Lys Asp Met Lys Glu Asn
279   35   40   45
281 (2) INFORMATION FOR SEQ ID NO: 11:
283   (i) SEQUENCE CHARACTERISTICS:
284   (A) LENGTH: 35 base pairs
285   (B) TYPE: nucleic acid
286   (C) STRANDEDNESS: single
287   (D) TOPOLOGY: linear
289   (ii) MOLECULE TYPE: other nucleic acid
290   (A) DESCRIPTION: /desc = "PCR primer"
295   (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 11:
297 CCTGAATTCT AGAGCTCATT TTTTTTTTTT TTTTT   35

RAW SEQUENCE LISTING ERROR SUMMARY   DATE: 10/18/2004
PATENT APPLICATION: US/10/760,557   TIME: 10:01:34

    Input Set : **N:\Crf3\RULE60\10760557.raw.txt**
    Output Set: **N:\CRF4\10182004\J760557.raw**

Invalid Line Length:
The rules require that a line not exceed 72 characters in length. This includes spaces.

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Seq#:2;  Line(s)  89,90,91,92
Seq#:3;  Line(s)  107,108,109,110
Seq#:4;  Line(s)  124,125,126,127,128
Seq#:5;  Line(s)  143,144,145,146
Seq#:6;  Line(s)  160,161,162,163,164,165,166,167,168,169,170,171,172,173,174
Seq#:6;  Line(s)  175,176
Seq#:7;  Line(s)  190,191,192,193,194,195,196,197
Seq#:8;  Line(s)  207,208,209,210,211,212,213,214,215,216,217,218
Seq#:9;  Line(s)  235,236,237,238,239,240,241,242,243,244,245,246,247,248,249
Seq#:9;  Line(s)  250,251,252,253,254,255,256,257
Seq#:10; Line(s)  271,272,273,274,275,276,277,278,279,280,281
Seq#:11; Line(s)  296,297,298
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VERIFICATION SUMMARY   DATE: 10/18/2004
PATENT APPLICATION: **US/10/760,557**   TIME: 10:01:34

Input Set : **N:\Crf3\RULE60\10760557.raw.txt**
Output Set: **N:\CRF4\10182004\J760557.raw**

L:3 M:220 C: Keyword misspelled or invalid format, [(1) GENERAL INFORMATION:]
L:29 M:220 C: Keyword misspelled or invalid format, [(A) APPLICATION NUMBER:]
L:30 M:220 C: Keyword misspelled or invalid format, [(B) FILING DATE:]
L:35 M:238 W: Alpha Fields not Ordered, Reordered [(A) APPLICATION NUMBER:] of (1)(vii)